Iaromir Vodzianovskii

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Nationality   Russian
Date of birth 06.08.2000

Education

09/18 - today	**Moscow Institute of Physics and Technology, undergraduate student**
	Department of Physical and Quantum Electronics, Bachelor of Science
	Applied Mathematics and Physics
	GPA : 7.19 / 10
	Courses:
	- Mathematics: Calculus, Linear algebra, Differential equations, Computational Mathematics
	- General physics (lectures, seminars, lab work)
	- Other: Non-organic chemistry, Vacuum electronics, Computer Science, English

Work experience

08/21 - 05/22	**Virtuozzo, Development department,**
	Position: Software developer (intern)
	Goal: Developing and improving web-ui's for internal processes and management
02/21- today	**Kotel'nikov IRE RAS. Laboratory of superconducting devices for signal detection and processing**
	Position: engineer
	Goal: Optimization of the operation of a sub-mm superconducting detector. Setting up the experiment, data processing and modeling in python. A program for calculations and experiments has been implemented, available on GitHub github.com/yarvod/vna-cals

Additional training

04/21	**Mathematics and Python for Data Analysis course on Coursera**
	Mathematics and basic statistics, data visualization in python
10/19	**MIPT deep learning course on Stepik**
	Theory and practice of deep learning (neural networks)
	Python 3 (pandas, sklearn, numpy, matplotlib)

Honors & Awards

01/21	Winner of the Student Physics Research Competition at MIPT.
	Topic: Study of lead titanate single crystals doped with silicon.
06/19	Prize-winner of student science Arctic case competition. Arkhangelsk, Russia
	Topic : Ice scanning by a drone with high frequency radar

Qualifications & Skills

HARD SKILLS	- Backend: Python3, Django, DRF, Celery, PostgreSQL, RabbitMQ
	- Frontend: JavaScript, Vue, Vuex, html & css
	- DevOps: Docker, Linux, GIT https://github.com/yarvod
	- LAT$_E$X system
	- My own project https://phystech-job.ru (git: https://github.com/yarvod/phystech.job)
SOFT SKILLS	- English level: Intermediate (currently improving)

Hobbies & Extra - curricular activities

HOBBIES	- Developing web-apps
	-Creating music and sound design in Logic Pro and Ableton
	- Playing the guitar
EXTRA - CURRICULAR ACTIVITIES	Institute's events volunteering:
	- Organisational assistance with 'Physics day' (Full-scale annual festival of scientific, recreational and sporting events)
	- Organisation of the « PHYSTECH» 2020 olympiad in physics and mathematics.